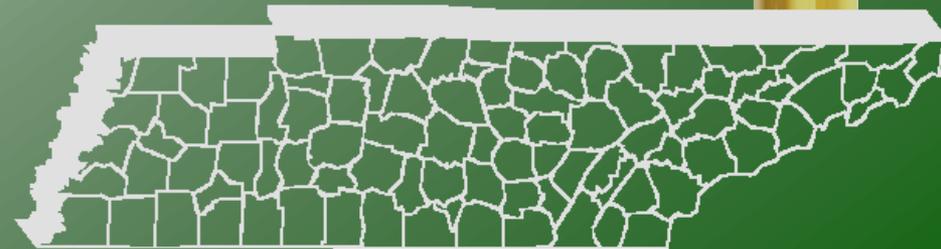




# **TVAAS 101**

## **Tennessee Value-Added Assessment System**

**Office of  
Assessment,  
Evaluation, &  
Research**





# What is TVAAS?

- **TVAAS stands for Tennessee Value-Added Assessment System.**  
\*Based on SAS's Education Value-Added Assessment System (EVAAS) and the statistical methodology of Dr. William Sanders.
- **TVAAS is a statistical method used to measure the influence of a district or school on the academic progress (growth) rates of individual students or groups of students from year-to-year.**



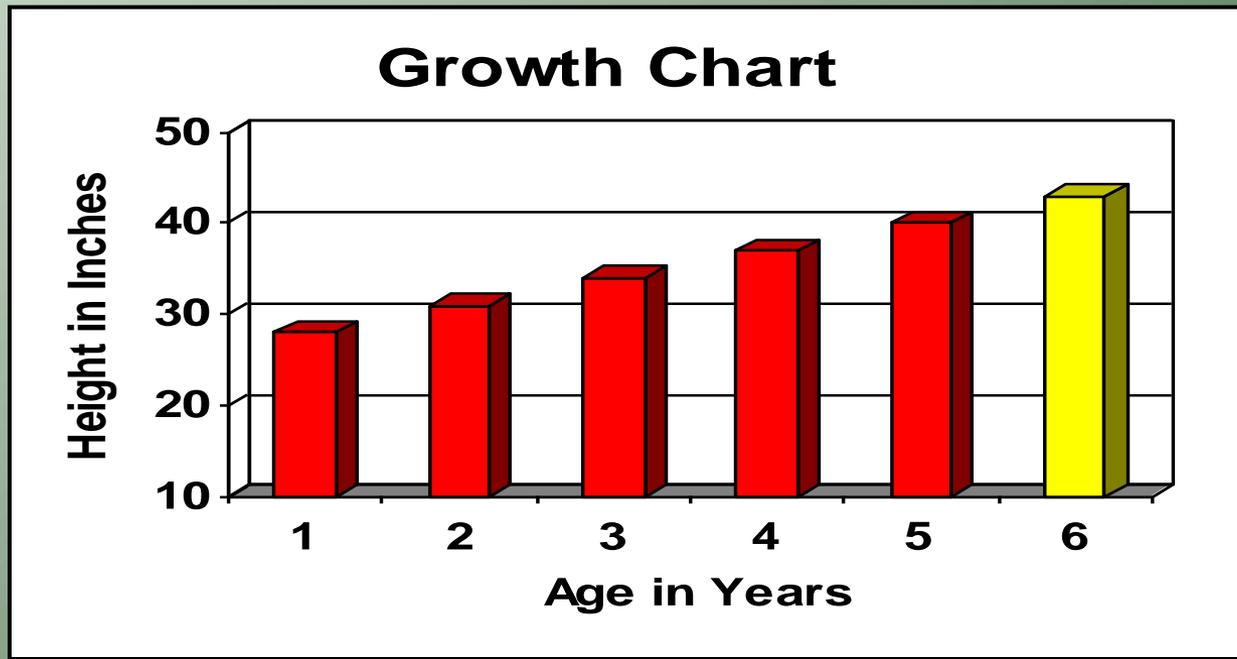
# What is TVAAS?

- **Statistical methodology used in value-added analysis is very complicated.**
- **A student's growth pattern is determined using all available previous existing assessment data for that student (all grades, all subjects).**
- **However, the concept behind it is very simple and straightforward...**
- **Use a student's existing assessment data to produce measures of progress unique to that student.**



# What is TVAAS?

The TVAAS method uses previous test score data to plot a “growth pattern” for students. Think of academic growth in terms of a child’s physical growth.



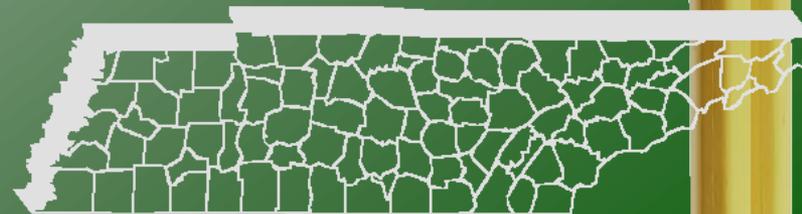
# Philosophy Behind Value-Added

- Schools can and should add value for each student yearly.
- This is true whether the student comes in above grade level, at grade level, or below grade level.
- Students are entitled to grow at least at the rate they have demonstrated in the past.



# How did it all begin?

- **First developed for Tennessee by Dr. William Sanders.**
- **1992 – Tennessee Education Improvement Act**
- **Increased school funding using increased sales taxes**
- **Demand for increased accountability**
- **TVAAS set up**



# Since then...

- Since 1992, TVAAS has tracked each of the Tennessee's over 885,000 students.
- Over 26 million records! Grades 3-12... every subject... every grade... every teacher...
- Largest student data base ever assembled.
- Currently mandatory in Ohio and Pennsylvania as well as over 300 school districts across the U.S.



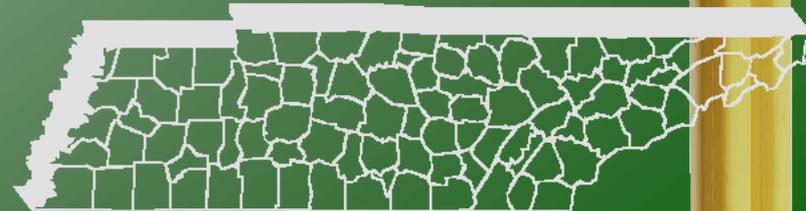
# Why do we need TVAAS?

- Proficiency is measured by the performance of students at a single point in time and how well those students perform against a set of standards. Simply put, proficiency levels only indicate whether or not a student met a certain target.
- Growth is measured by how much gain or progress an individual student or group of students make over time. Growth measures do not assume all students start the school year at the same academic level.



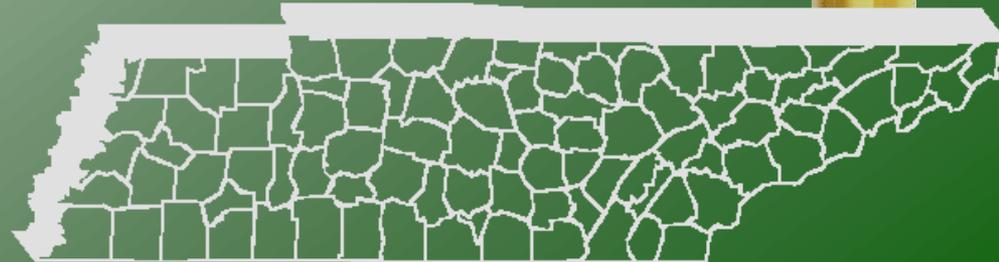
# Achievement AND Growth

- By measuring the academic achievement of students and the academic growth of students, schools and teachers will have a more comprehensive picture of the effectiveness in raising student proficiency.



# TVAAS Website

- 2010 TVAAS reporting is now available for TCAP Gr. 3 - 8.
- Reports for high school tests will be made available in a later release.



# TVAAS Public Site

TVAAS Public Site can be accessed at

<http://www.state.tn.us/education/mdata.shtml>

## 2008 Value Added Summary Report for Alpha School District TCAP CRT Science

School Name		4	5	6	7	8
<a href="#">Celia Elementary School</a>	2008	-4.7	0.3	--	--	--
	3-Yr-Avg	1.2	0.6	--	--	--
<a href="#">Chris Middle School</a>	2008	--	-0.3	1.2	-6.5	0.8
	3-Yr-Avg	--	-1.2	2.4	-2.6	4.2
<a href="#">Darby Elementary School</a>	2008	-0.2	0.8	--	--	--
	3-Yr-Avg	-0.6	0.4	--	--	--
<a href="#">Dora Elementary School</a>	2008	2.5	-0.9	--	--	--
	3-Yr-Avg	-0.2	1.6	--	--	--
<a href="#">Erin Middle School</a>	2008	--	--	--	9.1	4.4
	3-Yr-Avg	--	--	--	6.3	2.5
<a href="#">Orlene Elementary School</a>	2008	2.9	-4.4	3.2	--	--
	3-Yr-Avg	3.3	0.8	4.9	--	--
<a href="#">Van Middle School</a>	2008	1.9	0.0	-7.0	7.0	-13.0
	3-Yr-Avg	0.6	1.6	-3.2	10.6	-5.8

## Reports available on public site:

State Report

School Search

System Value Added

Value Added Summary

System Progress Report

School Value Added



# TVAAS is....

## Projected Score vs. Observed Score

Projected Score – based on all of the student's past state test scores plus student receiving an average Tennessee schooling.

Observed Score – actual score on most recent test.



# Restricted Site Log-In

<https://tvaas.sas.com/evaas/signin.faces>



## System Login

**Notice!**  
**EMBARGOED INFORMATION:** The 2009 value-added results reported at this site are presently not available to the media or to the public. The public release will come from the Tennessee Department of Education. Your restricted access will allow you to use the information reported in your decision making within your system or school.

[System and School Trend Analyses](#) [New Growth Standard for 2009](#)



Dr. Tim Webb  
Commissioner

**Reminder:** You are responsible for maintaining the confidentiality of the information provided in the TVAAS reports. Please close your browser window when you are through with your session to prevent unauthorized access to the reports.

Username:

Password:

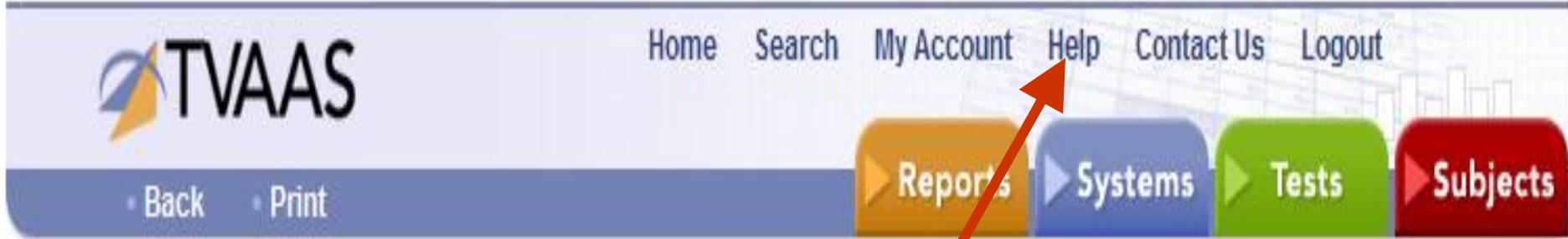
Please note, passwords are case sensitive!

[Forgot Password](#) | [Contact Us](#)

## EMBARGOED INFORMATION:

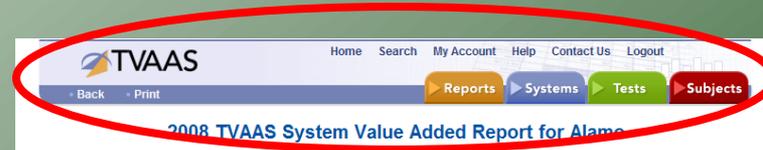
The 2010 value-added results reported on the site are presently not available to the media or to the public. The public release will come from TDOE.

# The Navigation Bar



Be sure to use Back and Print tabs on the website not on your browser.

Click on “Help” to access information about each page or to view/print the *Resource Guide*.



Estimated System Mean NCE Gain						
Grade:	3	4	5	6	Mean NCE Gain over Grades Relative to	
Growth Standard:		0.0	0.0	0.0		
State 3-Yr-Avg:		1.3	0.7	0.8	Growth Standard	State
2006 Mean NCE Gain:		-2.8 R	6.6 G	3.6 G	2.5	1.5
Std Error:		1.6	1.4	1.6	0.9	0.9
2007 Mean NCE Gain:		-3.5 R*	3.5 G	4.6 G	1.5	0.6
Std Error:		1.5	1.4	1.4	0.8	0.8
2008 Mean NCE Gain:		-3.6 R*	5.6 G	4.0 G	2.0	1.1
Std Error:		1.7	1.3	1.4	0.8	0.8
3-Yr-Avg NCE Gain:		-3.3 R*	5.3 G	4.0 G	2.0	1.1
Std Error:		0.9	0.8	0.8	0.4	0.4

Estimated System Mean NCE Scores				
Grade:	3	4	5	6
State Base Year (1998):	50.0	50.0	50.0	50.0
State 3-Yr-Avg:	59.8	59.8	59.3	58.4
2005 Mean:	59.3	46.4	53.0	53.3
2006 Mean:	60.2	56.4	53.4	56.6
2007 Mean:	60.1	56.7	60.0	57.9
2008 Mean:	63.2	56.6	62.3	64.0

G - Estimated mean NCE gain equal to or greater than growth standard.  
 Y - Estimated mean NCE gain below the growth standard by 1 standard error or less.  
 R - Estimated mean NCE gain more than 1 standard error below the growth standard but by 2 standard errors or less.  
 R\* - Estimated mean NCE gain below the growth standard by more than 2 standard errors.

# The Navigation Bar



**Click on  
“Reports” Tab  
to see  
selection of  
different  
reports  
available.**

- State Progress View
- State Report
- School Search
- Future AYP Performance
- System AYP Dashboard
- School AYP Dashboard
- Accelerate I Students
- Accelerate II Students
- Advanced Students
- College Ready Performance
- College Readiness Dashboard
- ACT Accelerate I-A Students
- ACT Accelerate I-B Students
- ACT Accelerate II Students
- ACT Advanced

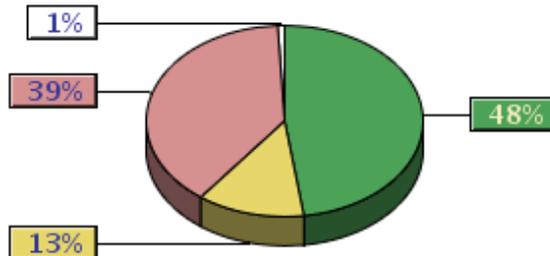


# AYP Dashboard

## Future Academic Performance for by Currently Enrolled Students Projected to the Next Test

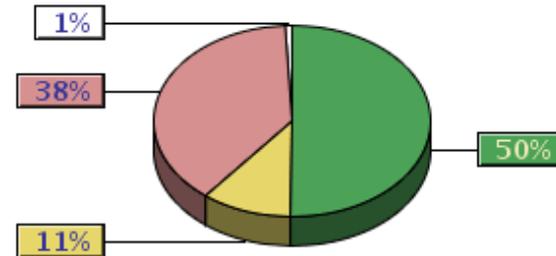
Grades 4-8 Projected to Next Tested Grade		
Probability	Nr of Students	Percentage
Advanced: Greater than or equal to 70.5%	118	48%
Accelerate II: Between 50.5% and 70.5%	31	13%
Accelerate I: Less than or equal to 50.5%	96	39%
Students who lack sufficient data	2	1%

4-8 TCAP Math ACHIEVE



Grades 4-8 Projected to Next Tested Grade		
Probability	Nr of Students	Percentage
Advanced: Greater than or equal to 70.5%	124	50%
Accelerate II: Between 50.5% and 70.5%	26	11%
Accelerate I: Less than or equal to 50.5%	95	38%
Students who lack sufficient data	2	1%

4-8 TCAP Reading/Language ACHIEVE



# Accelerate I, II, and Advanced

## 2009 Accelerate I for Students Enrolled at [redacted] Elementary 4th Math ACHIEVE

	<u>Student</u>	<u>System</u>	<u>School</u>	<u>Sex</u>	<u>Race</u>	<u>Enrolled Grade</u>	<u>Gif</u>	<u>Mig</u>	<u>ELL</u>	<u>ED</u>	<u>SpED</u>	<u>FD</u>	<u>CTS</u>	<u>Achievement Probability</u>
1.				F	W	4	N	N	N	Y	N	N	U	<a href="#">47.0</a>
2.				F	H	4	N	N	N	Y	N	N	U	<a href="#">50.1</a>
3.				M	W	4	N	N	N	Y	N	N	U	<a href="#">18.9</a>
4.				F	B	4	N	N	N	Y	Y	N	U	<a href="#">16.6</a>
5.				M	W	4	N	N	N	Y	N	N	U	<a href="#">48.0</a>
6.				F	W	4	N	N	N	Y	N	N	U	<a href="#">4.1</a>
7.				M	W	4	N	N	N	N	N	N	U	<a href="#">11.9</a>
8.				F	W	4	N	N	N	Y	N	N	U	<a href="#">36.5</a>
9.				M	W	4	N	N	N	Y	N	N	U	<a href="#">19.6</a>
10.				M	W	4	N	N	N	Y	Y	N	U	<a href="#">24.3</a>
11.				F	W	4	N	N	N	Y	N	N	U	<a href="#">0.4</a>
12.				M	H	4	N	N	Y	Y	Y	N	U	<a href="#">29.0</a>
13.				M	W	4	N	N	N	Y	N	N	U	<a href="#">13.6</a>



# District



# School



# Subgroup



# Student

## “Drilling Down”

### District

Value Added Summary Reports

Diagnostic Summary Reports

Performance Diagnostic Summary Reports

### School

School Value Added Reports

School Diagnostic Reports

School Performance Diagnostic Reports

### Subgroup

Custom Student Reports

Student Pattern List

### Student

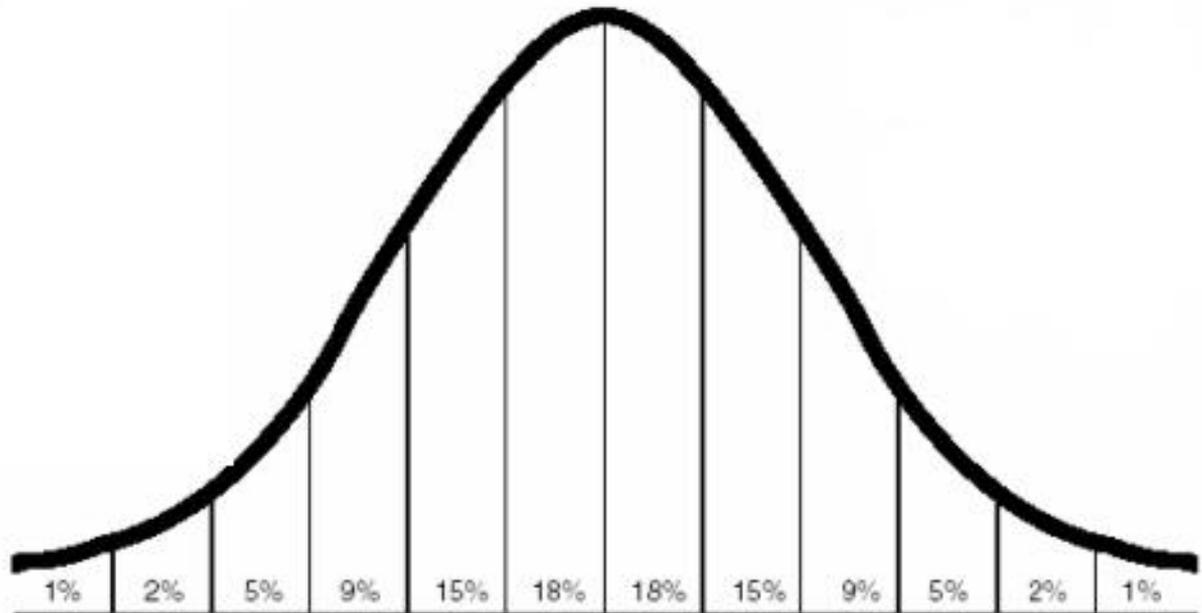
Individual Student Reports

Projections

# Understandings

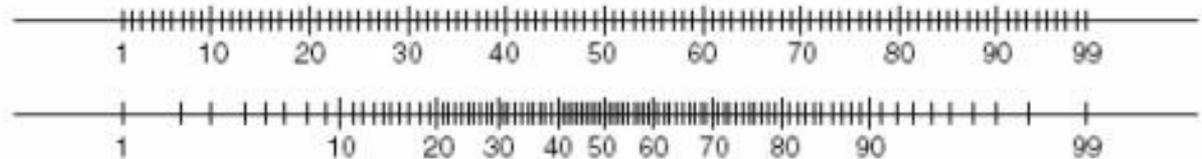
## Interpretation Requires Scale Awareness

Percentage of Scores  
Under the Normal Curve



*Normal Curve Equivalents*

*Percentile Ranks*



# Elementary/Middle School Value-Added Report

Estimated System Mean NCE Gain								
Grade:	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	Mean NCE Gain over Grades Relative to	
Growth Standard:		0.0	0.0	0.0	0.0	0.0	Growth Standard	State
State 3-Yr-Avg:		-0.3	-0.1	0.3	0.1	-0.4		
2007 Mean NCE Gain:		0.3 G	2.5 G*	-0.9 R	2.6 G*	1.5 G*	1.2	1.3
Std Error:		1.0	0.9	0.8	0.7	0.7	0.4	0.4
2008 Mean NCE Gain:		-0.2 Y	3.6 G*	-0.9 R	2.7 G*	-2.2 R*	0.6	0.7
Std Error:		1.0	0.9	0.8	0.7	0.7	0.4	0.4
2009 Mean NCE Gain:		-5.2 R*	2.4 G*	-1.8 R*	1.2 G*	2.0 G*	-0.3	-0.2
Std Error:		0.9	0.9	0.8	0.7	0.7	0.4	0.4
3-Yr-Avg NCE Gain:		-1.7 R*	2.8 G*	-1.2 R*	2.2 G*	0.4 G	0.5	0.6
Std Error:		0.5	0.5	0.5	0.4	0.4	0.2	0.2
Estimated System Mean NCE Scores								
Grade:	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>		
New State Baseline:	50.0	50.0	50.0	50.0	50.0	50.0		
State 3-Yr-Avg:	48.9	48.4	48.3	47.9	48.1	47.9		
2006 Mean:	48.2	50.9	48.7	48.7	49.9	51.0		
2007 Mean:	48.4	48.6	53.5	47.8	51.4	51.4		
2008 Mean:	51.4	48.2	52.2	52.6	50.5	49.1		
2009 Mean:	45.8	46.2	50.6	50.4	53.8	52.5		

# Elementary/Middle School Value-Added Report

**G\*** - Estimated mean NCE gain above the growth standard by at least 1 standard error.

**G** - Estimated mean NCE gain equal to or greater than growth standard but by less than 1 standard error.

**Y** - Estimated mean NCE gain below the growth standard by 1 standard error or less.

**R** - Estimated mean NCE gain more than 1 standard error below the growth standard but by 2 standard errors or less.

**R\*** - Estimated mean NCE gain below the growth standard by more than 2 standard errors.

0.1 G	-2.7 R*	1.6 G*	0.7 G*	-1.4 R*
0.6	0.5	0.6	0.5	0.5
-1.3 R*	-2.4 R*	0.9 G*	0.0 G	-0.4 Y
0.6	0.6	0.6	0.5	0.5
0.2 G	-1.7 R*	1.3 G*	0.5 G	0.4 G
0.6	0.5	0.6	0.5	0.5
<u>-0.3 Y</u>	<u>-2.2 R*</u>	<u>1.3 G*</u>	<u>0.4 G*</u>	<u>-0.5 R</u>



# High School Value-Added Report

## 2009 TVAAS School Value Added Report for Gateway Biology I

Test	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred. Score %-ile	System Effect	System Effect %-ile	System vs State Avg
Biology I	2007	622	538.5	52	545.3	57	-6.7	18	Below
	2008	623	546.4	55	543.7	54	2.6	69	NDD
	2009	597	550.4	58	546.3	54	4.0	71	Above
	3-Yr-Avg	1842	545.0	55	545.1	55	-0.0	52	NDD

 - Progress significantly Above the average system in the state.

 - Progress Not Detectably Different from the average system in the state.

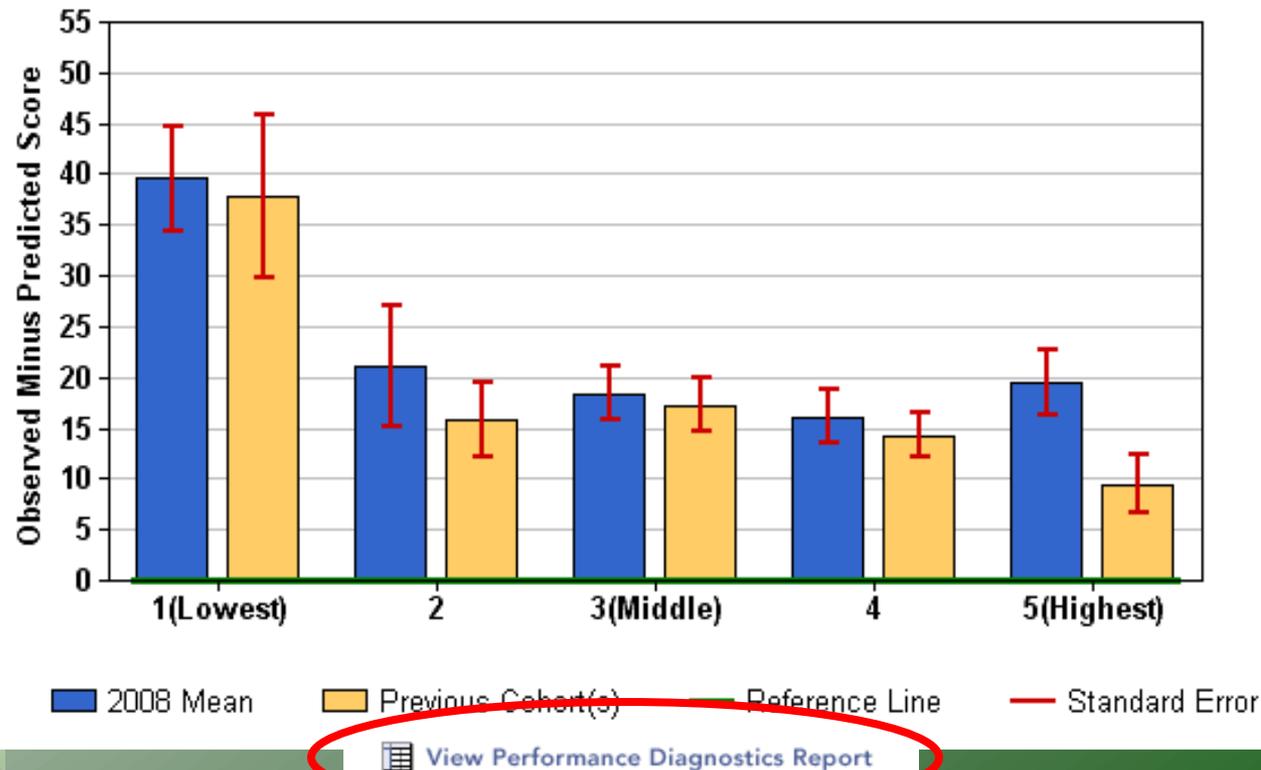
 - Progress significantly Below the average system in the state.

# Diagnostic Report

▶ Select Subgroups

Yes  No  ?

## Diagnostic Report for Josephine High School in Gamma School District Gateway Algebra I



# Selecting Subgroups in Diagnostic Report

## Select Subgroups

Yes  No 

### By selected race(s)

American Indian |  Asian |  Black |  Hispanic |  White |  Unknown (Race)

### By selected sex

Male |  Female |  Unknown (Sex)

### By selected demographic(s)

Gifted |  Migrant |  English Language Learner |  Economically Disadvantaged |  Special Ed |  Functionally Delayed |  Career Technical Student

Submit

Reset

# Diagnostic Report

			Observed minus Predicted Score by Predicted Score Quintile				
			1 (Lowest)	2	3 (Middle)	4	5 (Highest)
Physical Science	2008	Mean	<u>25.6</u>	<u>23.5</u>	<u>13.2</u>	<u>15.5</u>	<u>8.6</u>
		Std Err	14.5	2.9	2.3	1.5	2.2
		Nr of Students	<u>14</u>	<u>43</u>	<u>61</u>	<u>95</u>	<u>90</u>
		<u>% of Students</u>	4.6	14.2	20.1	31.4	29.7
	Previous Cohort(s)	Mean	24.1	20.9	15.7	10.1	8.7
		Std Err	4.7	2.6	1.6	1.2	1.1
		Nr of Students	38	128	199	265	337
		<u>% of Students</u>	3.9	13.2	20.6	27.4	34.9

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 [View Performance Diagnostics Report](#)

# Student List

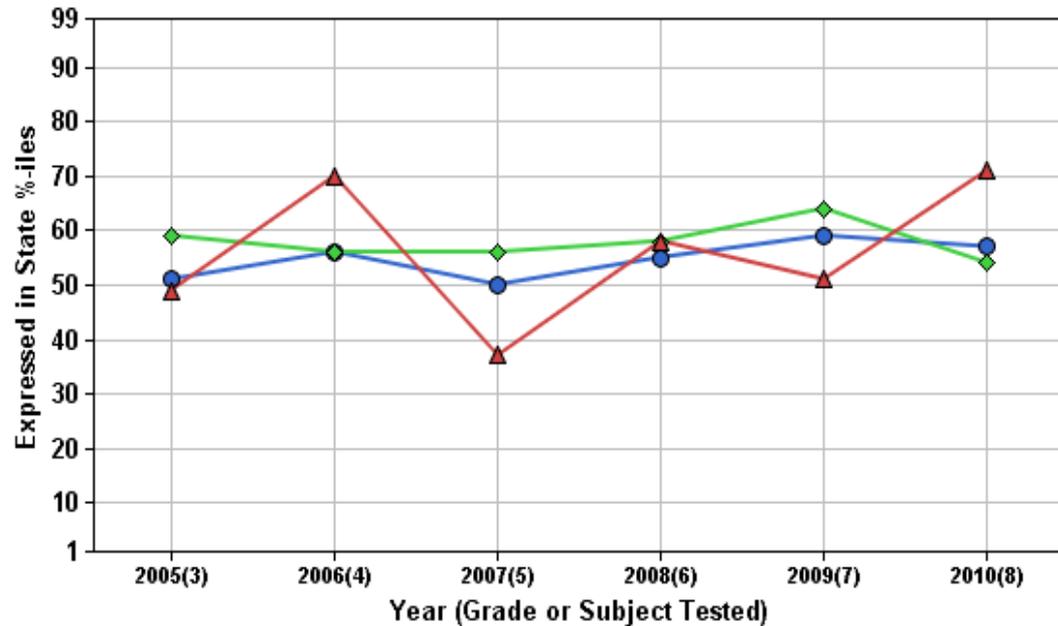
## Achievement

<u>Student Name</u>	<u>State NCE</u>	<u>Perf Level</u>	<u>School Name</u>
<u>ARENDS, BLANCA</u>	76	AD	Celia Elementary School
<u>FERRANTE, NOBLE</u>	61	P	Celia Elementary School
<u>HITCHMAN, SIMONE</u>	55	P	Celia Elementary School
<u>HOLOWAY, CHERRY</u>	65	P	Celia Elementary School
<u>KLOSINSKI, LUISA</u>	65	P	Celia Elementary School
<u>LANGLEY, CONNIE</u>	59	P	Celia Elementary School
<u>LANZETTA, BRUNO</u>	76	AD	Celia Elementary School

## High School

<u>Student Name</u>	<u>Predicted Score</u>	<u>Observed Score</u>	<u>Perf Level</u>	<u>School Name</u>
<u>BABBS, COLE</u>	570.6	566	AD	Ana High School
<u>BEMRICH, BENITO</u>	587.3	592	AD	Ana High School
<u>CHITTESTER, SAMMY</u>	613.3	603	AD	Ana High School
<u>COZZOLINO, MYRA</u>	568.4	603	AD	Ana High School
<u>CRUMMETT, DELLA</u>	571.1	592	AD	Ana High School

# Individual Student Report



## Performance Levels:

NP - Not Proficient

BB - Below Basic

B - Basic

P - Proficient

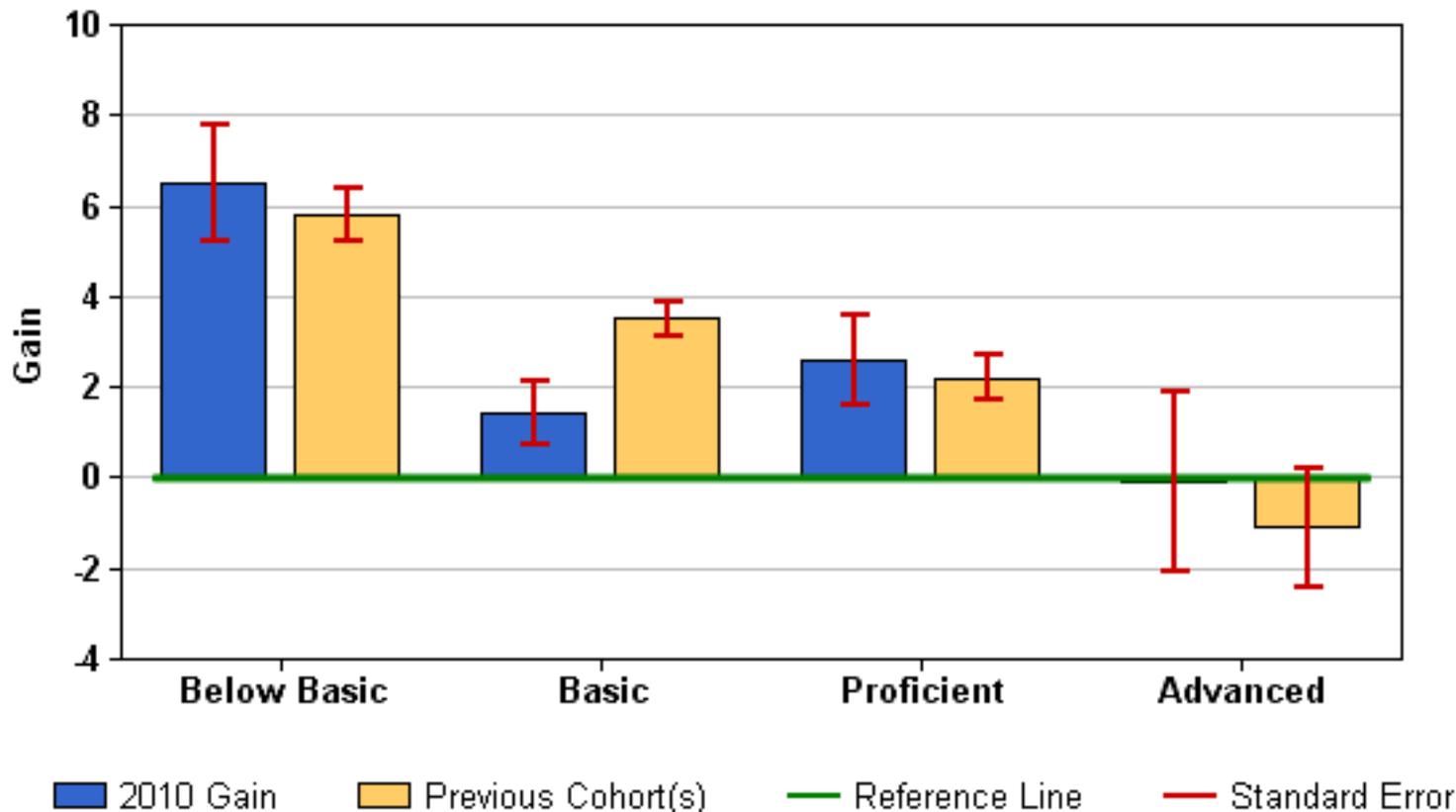
AD - Advanced

▲ Student %-ile    ◆ School %-ile    ● System %-ile

Subject: Math						
	Year (Grade or Subject Tested)					
	TCAP (Math)					
	2005(3)	2006(4)	2007(5)	2008(6)	2009(7)	2010(8)
State NCE \ Score	50	61	43	54	50	58
%-ile	49	70	37	58	51	71
Perf Level	P	AD	P	AD	P	B

# Performance Diagnostic Report

[Select Subgroups](#)



# School Search

## TVAAS Teaching School Search TCAP CRT Math

School Name: <b>Chris Middle School</b>	Tested Grade Data: <b>5- 8</b>
% Free/Reduced Price Lunch: <b>92%</b>	% Minority: <b>100%</b>
% Tested ELL: <b>0%</b>	% Tested SpED: <b>15%</b>

To find comparable schools, select from these options and click Search:

Same System only:  yes  no

% Free/Reduced Price Lunch:

% Minority:

% Tested ELL:

% Tested SpED:

**Search**

School	System	Cum Gain Index	5 Mean	5 Gains	6 Mean	6 Gains	7 Mean	7 Gains	8 Mean	8 Gains
<b>Selected School</b>										
 <a href="#">Chris Middle School</a>	Alpha School District	2.9	1	1	1	4	1	2	1	3
<b>Matching Schools (found: 28)</b>										
 <a href="#">Leslie Middle School</a>	Gamma School District	23.4			2	3	4	5	4	5
 <a href="#">Van Middle School</a>	Alpha School District	18.5	3	4	4	5	4	4	3	5
 <a href="#">Michael Middle School</a>	Gamma School District	10.8	2	1	2	3	2	5	2	2

# Custom Student Report

▼ Student Last Name: ?

- ▶ Restrict Search by Grade?  Yes  No ?
- ▶ Restrict Search to where students are currently enrolled?  Yes  No ?
- ▶ Restrict Search by System and/or School(s)?  Yes  No ?
- ▶ Restrict Search by Race?  Yes  No ?
- ▶ Restrict Search by Sex?  Yes  No ?
- ▶ Restrict Search by Demographics?  Yes  No ?
- ▶ Restrict Search by Alternative Assessment?  Yes  No ?
- ▶ Restrict Search by Projected Proficiency Level?  Yes  No ?

Search

# Custom Student Report

## Search Results: 1 - 100 out of 134

Students who last tested in the 6th grade at Chris Middle School

[Next >>](#)

Add	Student	System	School	Sex	Race	Grade	LEP	SpED	Gifted	FRPL	Migrant
<input type="checkbox"/>	<a href="#">AHRENS, BERT</a>	Alpha School District	Chris Middle School	M	B	6	N	Y	N	Y	N
<input type="checkbox"/>	<a href="#">ALLAIN, ELNORA</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">ALLBRIGHT, ALISSA</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">AMINI, NATHANIEL</a>	Alpha School District	Chris Middle School	M	B	6	N	Y	N	Y	N
<input type="checkbox"/>	<a href="#">ANHALT, JERROD</a>	Alpha School District	Chris Middle School	M	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">ANTHONY, DOLORES</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">BEDNARCZYK, LINWOOD</a>	Alpha School District	Chris Middle School	M	B	6	N	Y	N	Y	N
<input type="checkbox"/>	<a href="#">BERNACCHI, QUINTON</a>	Alpha School District	Chris Middle School	M	B	6	N	Y	N	Y	N
<input type="checkbox"/>	<a href="#">BOEDECKER, WESTON</a>	Alpha School District	Chris Middle School	M	B	6	N	Y	N	Y	N
<input type="checkbox"/>	<a href="#">BONGIORNO, KARLA</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">BOTHMAN, TREVA</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">BOWLING, BONNIE</a>	Alpha School District	Chris Middle School	F	B	6	N	N	N	Y	N
<input type="checkbox"/>	<a href="#">BRUCKNER, MARILYNN</a>	Alpha School District	Chris Middle School	F	B	6	N	Y	N	Y	N

Select This Page

Deselect All

Add Selected Students

Add All Students

# Custom Student Report (Saved)

## Gateway Algebra I (Proficient)

[Click to Resort](#)

	Remove	Student	System	School	Sex	Race	Grade	Gif	Miq	ELL	ED	SpED	Achievement Probability
1.	<input type="checkbox"/>	<a href="#">AILES, THANH</a>	Beta School District	Debby Middle School	F	W	7	N	N	N	N	Y	<a href="#">0.4</a>
2.	<input type="checkbox"/>	<a href="#">ALTROGGE, BUFORD</a>	Beta School District	Debby Middle School	M	W	7	N	N	N	N	N	<a href="#">99.1</a>
3.	<input type="checkbox"/>	<a href="#">ARNZEN, COLE</a>	Beta School District	Debby Middle School	M	W	7	Y	N	N	N	N	<a href="#">100.0</a>
4.	<input type="checkbox"/>	<a href="#">ASP, PETER</a>	Beta School District	Debby Middle School	M	W	7	N	N	N	Y	Y	<a href="#">21.5</a>
5.	<input type="checkbox"/>	<a href="#">BEASON, KARA</a>	Beta School District	Debby Middle School	F	W	7	N	N	N	Y	N	<a href="#">45.8</a>
6.	<input type="checkbox"/>	<a href="#">BELLUS, ALEC</a>	Beta School District	Debby Middle School	M	B	7	N	N	N	Y	N	<a href="#">85.9</a>
7.	<input type="checkbox"/>	<a href="#">BICKFORD, JANET</a>	Beta School District	Debby Middle School	F	B	7	N	N	N	Y	N	<a href="#">69.2</a>
8.	<input type="checkbox"/>	<a href="#">BORKOWSKI, ROSS</a>	Beta School District	Debby Middle School	M	W	7	N	N	N	N	N	<a href="#">6.1</a>
9.	<input type="checkbox"/>	<a href="#">BORNER, RORY</a>	Beta School District	Debby Middle School	M	W	7	N	N	N	N	N	<a href="#">95.9</a>
10.	<input type="checkbox"/>	<a href="#">BOTTO, ALVA</a>	Beta School District	Debby Middle School	M	B	7	N	N	N	Y	N	<a href="#">88.0</a>
												Mean	<b>61.2</b>
												Std Err	<b>12.5</b>

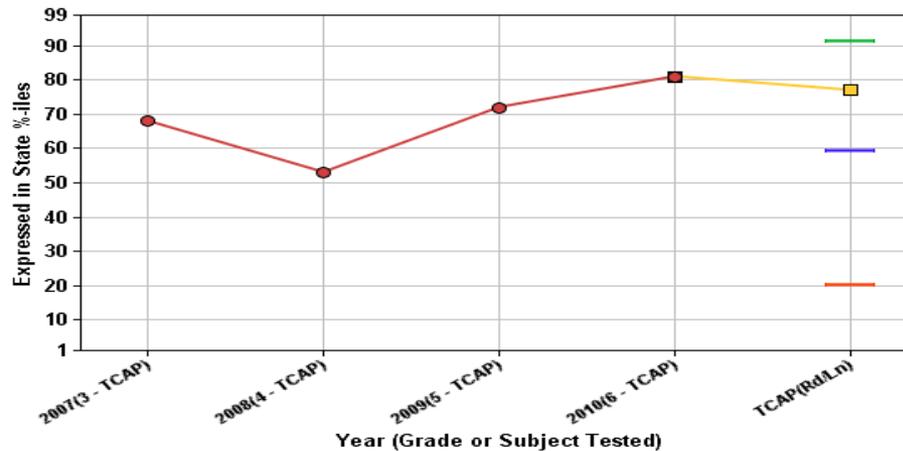
# Student Projections (Tab)


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## 7th Reading/Language



- Student's Observed %-ile
- Student's Projected TCAP(Reading/Language) %-ile
- 7th Reading/Language (Basic)
- 7th Reading/Language (Proficient)
- 7th Reading/Language (Advanced)

Projection: 7th Reading/Language			
Projected State Percentile	Probability of Success		
	Basic	Proficient	Advanced
77	99.9%	87.2%	6.1%

Student's Testing History				
	Year (Grade or Subject Tested)			
	TCAP (Reading/Language)			
	2007(3)	2008(4)	2009(5)	2010(6)
State NCE \ Score	60	52	62	69
%-ile	68	53	72	81

# Student Pattern List

- Enables you to see how effective the school/teacher has been with the lowest, middle, and highest achieving students in the group you have selected.
- The minimum number of students you can graph is 15.



# Student Pattern List

## Elementary/Middle

### TCAP CRT (Grade 4): Math Students

Select	Student Name	2008 State NCE	2009 State NCE	Avg State NCE	2009 Percentile	Perf Level	School Name
<input type="checkbox"/>	<a href="#">BEGLEY, LETICIA</a>	34	42	38.0	27	P	Chris Middle School
<input type="checkbox"/>	<a href="#">BIGLOW, KRISTOFER</a>	49	51	50.0	40	P	Chris Middle School
<input type="checkbox"/>	<a href="#">BILLIEL, JULIANNE</a>	47	31	39.0	11	NP	Chris Middle School
<input type="checkbox"/>	<a href="#">BOREEN, ARCHIE</a>	53	52	52.5	43	P	Chris Middle School
<input type="checkbox"/>	<a href="#">BREAKELL, BETH</a>	49	47	48.0	34	P	Chris Middle School
<input type="checkbox"/>	<a href="#">BRICENO, LUCY</a>	45	41	43.0	24	P	Chris Middle School
<input type="checkbox"/>	<a href="#">BRISSETT, KATELYN</a>	21	31	26.0	11	NP	Chris Middle School
<input type="checkbox"/>	<a href="#">CANNEY, LYNNE</a>	41	41	41.0	24	P	Chris Middle School

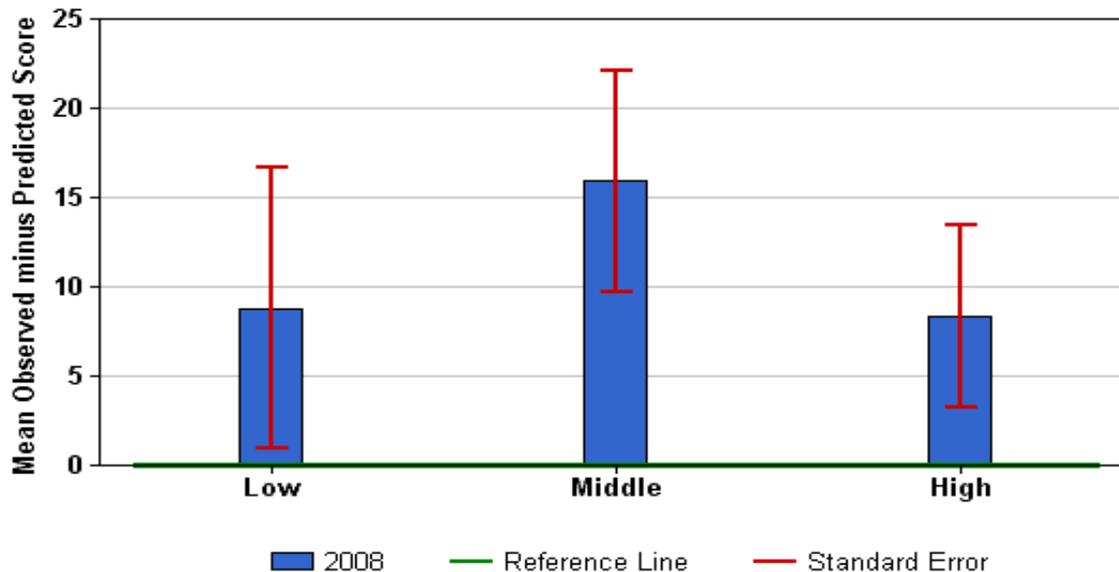
# Student Pattern List

## High School

### Algebra I Students

Select	Student Name	Predicted Score	Observed Score	2009 Percentile	Perf Level	School Name
<input type="checkbox"/>	<a href="#">ALBORN, JASMINE</a>	420.0	485	26	NP	Ana High School
<input type="checkbox"/>	<a href="#">ALBORN, JASMINE</a>	476.9	497	33	P	Ana High School
<input type="checkbox"/>	<a href="#">ALDERMAN, SHIELA</a>	461.5	445	9	NP	Ana High School
<input type="checkbox"/>	<a href="#">ALIG, JONATHON</a>		513	45	P	Ana High School
<input type="checkbox"/>	<a href="#">ALTAMIRANO, JERRY</a>	461.5	484	25	NP	Ana High School
<input type="checkbox"/>	<a href="#">AMEIGH, DORTHY</a>	459.5	467	16	NP	Ana High School
<input type="checkbox"/>	<a href="#">AMUNDSON, BRENDON</a>		553	72	AD	Ana High School
<input type="checkbox"/>	<a href="#">ANDREASSEN, DANA</a>	528.9	513	45	P	Ana High School
<input type="checkbox"/>	<a href="#">ANNETT, VIVIAN</a>	487.0	479	22	NP	Ana High School

# Student Pattern List



Mean Observed minus Predicted Score		
Low	Middle	High
8.8	15.9	8.3

Students by Subgroup		
Low	Middle	High
<a href="#">HORACIO GWALTNEY</a>	<a href="#">HARLAN YZAGUIRRE</a>	<a href="#">DEANN AUBIN</a>
<a href="#">KENYA GEITNER</a>	<a href="#">TROY ZOLLO</a>	<a href="#">BERRY GUGEL</a>
<a href="#">RICO CHUKES</a>	<a href="#">ESMERALDA DORNFELD</a>	<a href="#">ALMA HUDY</a>
<a href="#">DEIDRA KEATE</a>	<a href="#">SHANA BUEHRLE</a>	<a href="#">DEON SCHWEBKE</a>
<a href="#">CHELSEY MCDERMOTT</a>	<a href="#">ISABELLE TUEY</a>	<a href="#">ESTER FERANDEZ</a>
<a href="#">MARGO LEPPER</a>	<a href="#">JEWELL CLAEYS</a>	<a href="#">MAXWELL JAHDE</a>
<a href="#">TARYN FALTERMAN</a>	<a href="#">JUNIOR BLUMENTHAL</a>	<a href="#">EVERETTE DIMLER</a>



# Third Grade Percentages

## 2009 TCAP CRT 3rd Grade Math Students

<u>Student Name</u>	<u>Sex</u>	<u>Race</u>	<u>LEP</u>	<u>SpED</u>	<u>Gifted</u>	<u>FRPL</u>	<u>Migrant</u>	<u>%-ile</u>	<u>School Name</u>
ANDERMAN, TEODORO	M	B	N	Y	N	Y	N	8	Dora Elementary School
BARNOSKI, OMA	F	B	N	N	N	N	N	56	Dora Elementary School
BEBOUT, MA	F	B	N	N	N	Y	N	56	Dora Elementary School
BECZE, MAXINE	F	B	N	N	N	Y	N	35	Dora Elementary School
BEIEN, NATHAN	M	B	N	N	N	Y	N	96	Dora Elementary School
BIAGIONI, STEWART	M	B	N	N	N	N	N	39	Dora Elementary School
BLACKERBY, MICAH	M	B	N	N	N	N	N	87	Dora Elementary School
BOOTON, MAXINE	F	B	N	N	N	Y	N	67	Dora Elementary School
BRACKENS, BEAU	M	B	N	N	N	Y	N	42	Dora Elementary School
BRICK, LATRICE	F	B	N	N	N	Y	N	79	Dora Elementary School
BRIGNOLO, KIM	M	W	N	N	N	Y	N	67	Dora Elementary School
BRINKERHOFF, JACKLYN	F	B	N	N	N	N	N	75	Dora Elementary School
BROADFOOT, ANTONIA	F	W	N	N	N	Y	N	71	Dora Elementary School
CABANILLA, LUKE	M	B	N	N	N	Y	N	32	Dora Elementary School

# Using Value-Added to Inform Instruction

- Value-Added reports should be used complementary to information yielded from other student data reports.
- Sound instructional decisions are based on multiple measures of student performance.



# Questions???

For additional information on TVAAS and value-added professional development opportunities, visit the TDOE website at <http://www.state.tn.us/education/>

Or contact the office of Assessment, Evaluation, & Research

(615) 741-0720

